

## **What is a Hurricane?**

A hurricane is a type of tropical cyclone, the general term for all circulating weather systems over tropical waters (counterclockwise in the Northern Hemisphere). Tropical cyclones are classified as follows:

### **Tropical Depression:**

An organized system of clouds and thunderstorms with a defined circulation and maximum sustained winds of 38 mph (33 knots) or less.

### **Tropical Storm:**

An organized system of strong thunderstorms with a defined circulation and maximum sustained winds of 39 to 73 mph (34-63 knots).

### **Hurricane:**

An intense tropical weather system with a well-defined circulation and maximum sustained winds of 74 mph (64 knots) or higher. In the western Pacific, hurricanes are called "typhoons," and similar storms in the Indian Ocean are called "cyclones."

Hurricanes are products of a tropical ocean and atmosphere. Powered by heat from the sea, they are steered by the easterly trade winds and the temperate westerlies as well as by their own ferocious energy. Around their core, winds grow with great velocity, generating violent seas. Moving ashore, they sweep the ocean inward while spawning tornadoes and producing torrential rains and floods. Each year, on average, 10 tropical storms, of which six become hurricanes, develop over the Atlantic Ocean, Caribbean Sea, or Gulf of Mexico. Many of these remain over the ocean; however, about five hurricanes strike the United States coastline every three years. Of these five, two will be major hurricanes, category 3 or greater on the Saffir-Simpson Hurricane Scale.

# Hurricane Watches and Warnings

## **Tropical Storm Watch:**

Tropical Storm conditions are possible in the specified area of the Watch, usually within 36 hours.

## **Tropical Storm Warning:**

Tropical Storm conditions are expected in the specified area of the Warning, usually within 24 hours.

## **Hurricane Watch:**

Hurricane conditions are possible in the specified area of the Watch, usually within 36 hours. During a Hurricane Watch, prepare to take immediate action to protect your family and property in case a Hurricane Warning is issued.

## **Hurricane Warning:**

Hurricane conditions are expected in the specified area of the Warning, usually within 24 hours. Complete all storm preparations and evacuate if directed by local officials.

# Mitigation

There are things that you can do now that can help you avoid loss of life and property and may reduce your risk of becoming a disaster victim. Those things are called mitigation. There are many low-cost actions you can take to protect yourself, your home, or your business from losses.

## Protection from Wind:

- Analyze structural strengths and weaknesses of your home or business.
- Retrofit your existing roof with hurricane straps and gable end braces.
- If you are building a new home or business, consider a hip roof with a pitch of 30 degrees or less.
- Secure all outdoor furniture to prevent it from blowing away.
- Install plywood at least 1/2" thick or build storm shutters to protect windows.
- Install braces to give additional support to garage doors.

## Protection from Flooding:

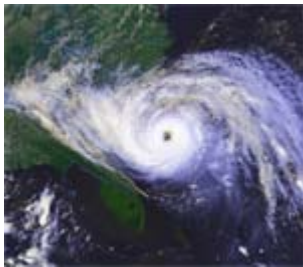
- Buy flood insurance. To obtain information on flood insurance, contact your local insurance agent, or call FEMA at 1-800-427-4661.
- Make sure that any flood-proofing efforts are in compliance with minimum National Flood Insurance Program (NFIP) requirements, and with State and local building codes.
- Move valuables and appliances out of the basement.
- Have the main breaker or fuse box and utility meters elevated above expected flood levels.
- Consider elevating your home/business above the 100-year floodplain or estimated surge inundation level.
- Heed flood warnings by leaving early and removing belongings that may be damaged in the event of a flood.

# HUGO Twenty Years Later

Twenty years later, memories of Hurricane Hugo's destructiveness remain fresh in the minds of many South Carolinians. The night of September 21, 1989, Hugo made landfall near Charleston, SC, as a Category 4 hurricane. The storm surge from Hugo affected the coast from Charleston to Myrtle Beach, the worst occurred at Bulls Bay, where 21 feet of storm surge pushed inland.



Hugo made its way far inland to the Columbia area, finally weakening as it approached Rock Hill and leaving South Carolina while still a Category 1 hurricane.



The South Carolina Emergency Management Division estimates that a storm with a similar path and intensity of Hugo today could cause over \$8 billion in damages to the state and destroy over 21,000 homes. Hurricane Hugo and other major storms serve as reminders that everyone should be ready for a disaster, because we know South Carolina will be hit again.

# Insurance Review



Don't wait until after a disaster to check your insurance policy—now is the time to prepare. The South Carolina Insurance News Service recommends the following items for your hurricane preparation list:

- **Review** insurance coverage with your agent. Know your policy's deductibles and how your policy handles property that is damaged or destroyed.
- **Ask** your agent about ways to reduce chances of loss or damage, such as installing hurricane shutters.
- **Keep** your household inventory up to date and store it in a safe place away from your home.
- **Coastal residents may need several insurance policies** to protect their homes and property from all types of damage.
- **Purchase wind/hail coverage** (if not included with your policy). There is a 15-day waiting period for coverage to take effect.
- **Purchase flood insurance.** There is a 30-day waiting period for coverage to take effect. Flood insurance is not part of most homeowner, mobile home, or renter's insurance policies.
- **You cannot buy** homeowner/renter's insurance after a hurricane watch or warning has been issued.
- **If you evacuate,** carry your agent's name and phone number, policy number and insurance company's claims phone number with you.

## South Carolina law provides:

- **Catastrophe Savings Accounts** can be set up by homeowners—state income tax-free—to pay for qualified expenses such as deductibles or uninsured costs associated with a hurricane, flooding or windstorm event.
- **Insurance Premium Discounts** are available up to about 25 percent if you have made your home more storm resistant.
- **Income Tax Credits** are available for property owners who purchase building supplies to make their homes more storm resistant to hurricanes, flooding or catastrophic windstorm events or for low-income property owners who pay more than 5% of their incomes toward insurance premiums.

For information on preparing for hurricane season, taking a home inventory, wind and hail insurance or settling claims following a disaster, log on to the South Carolina Insurance News Service Web site at [www.scinsurance.net](http://www.scinsurance.net).

# South Carolina Emergency Alert System Stations

The following radio and television stations are key participants in the Emergency Alert System and the ETV Radio. They broadcast emergency information throughout the state, as do numerous other radio and television stations.

## **Charleston**

WIWF 96.9 FM  
WEZL 103.5 FM

## **Aiken/Augusta**

WBBQ 104.3 FM  
WEKL 105.7 FM

## **ETV Radio Network**

WLTR 91.3 FM  
(Columbia)

## **Grand Strand**

WYAV 104.1 FM  
WLFF 106.5 FM

## **Columbia**

WCOS 97.5 FM  
WTCB 106.7 FM  
WLTR 91.3 FM  
(public radio)  
WQVA 1170 AM  
(Spanish)

## **WSCI 89.3 FM**

(Charleston)

## **Florence**

WJMX 103.3 FM  
WYNN 106.3 FM

## **WRJA 88.1 FM**

(Sumter/Columbia)

## **WNSC 88.9 FM**

(Rock Hill)

## **Upstate**

WFBC 93.7 FM  
WESC 92.5 FM

## **York**

WRHI 1340 AM  
WRHM 107.1 FM  
WNSC 88.9 FM

## **WJWJ 89.9 FM**

(Beaufort/Hilton Head)

## **WEPR 90.1 FM**

(Greenville/Spartanburg)

## **WHMC 90.1 FM**

(Conway/Myrtle Beach)

## **WLJK 89.1 FM**

(Aiken)

# National Weather Service Radio (NOAA)

COUNTY	FREQUENCY	COUNTY	FREQUENCY	COUNTY	FREQUENCY
<b>Abbeville</b>	162.550	<b>Darlington</b>	162.550	<b>Marion</b>	162.400
	162.425	<b>Dillon</b>	162.400		162.550
<b>Aiken</b>	162.450		162.550	<b>Marlboro</b>	162.450
	162.550	<b>Dorchester</b>	162.550		162.400
	162.500		162.525		162.550
<b>Allendale</b>	162.500		162.475	<b>McCormick</b>	162.550
	162.450		162.450		162.425
<b>Anderson</b>	162.550	<b>Edgefield</b>	162.425	<b>Newberry</b>	162.400
<b>Bamberg</b>	162.500		162.450		162.550
	162.450		162.550		162.425
	162.525	<b>Fairfield</b>	162.400	<b>Oconee</b>	162.450
<b>Barnwell</b>	162.500		162.425		162.550
	162.425	<b>Florence</b>	162.400		162.425
<b>Beaufort</b>	162.450		162.550	<b>Orangeburg</b>	162.500
	162.400	<b>Georgetown</b>	162.400		162.400
<b>Berkeley</b>	162.550		162.550		162.475
	162.475		162.500		162.525
<b>Calhoun</b>	162.400	<b>Greenville</b>	162.550	<b>Pickens</b>	162.550
	162.525	<b>Greenwood</b>	162.550	<b>Richland</b>	162.400
<b>Charleston</b>	162.550		162.425		162.425
	162.450	<b>Hampton</b>	162.500	<b>Saluda</b>	162.400
<b>Cherokee</b>	162.550		162.450		162.425
	162.425	<b>Horry</b>	162.400	<b>Spartanburg</b>	162.550
	162.475	<b>Jasper</b>	162.450	<b>Sumter</b>	162.400
<b>Chester</b>	162.425		162.400		162.550
<b>Chesterfield</b>	162.450	<b>Kershaw</b>	162.400		162.525
	162.400		162.550		162.425
	162.550	<b>Lancaster</b>	162.475	<b>Union</b>	162.550
<b>Clarendon</b>	162.475		162.425		162.425
	162.550	<b>Laurens</b>	162.550	<b>Williamsburg</b>	162.400
	162.525		162.425		162.550
	162.425	<b>Lee</b>	162.450		162.475
<b>Colleton</b>	162.500		162.400		162.550
	162.450		162.550	<b>York</b>	162.475
	162.550		162.425		162.550
<b>Darlington</b>	162.450	<b>Lexington</b>	162.400		162.425



# Storm Surge:

## The Saffir-Simpson Hurricane Scale

The greatest potential for loss of life in coastal areas related to a hurricane is from the storm surge, which historically has claimed nine of ten victims.

Storm surge is simply water that is pushed toward the shore by the force of the winds swirling around the storm. This advancing surge combines with the normal tides to create the hurricane storm tide, which can increase the mean water level 15 feet or more. In addition, wind-driven waves are superimposed on the storm tide. This rise in water level can cause severe flooding in coastal areas, particularly when the storm tide coincides with the normal high tides. Because much of the United States' densely populated Atlantic and Gulf Coast coastlines lie less than 10 feet above mean sea level, the danger from storm tides is tremendous.



The level of surge in a particular area is also determined by the slope of the continental shelf. A shallow slope off the coast will allow a greater surge to inundate coastal communities. Communities with a steeper continental shelf will not see as much surge inundation, although large breaking waves can still present major problems. Storm tides, waves, and currents in confined harbors severely damage ships, marinas, and pleasure boats.

**These surge values are averages for these storm categories. Actual surge depths may be much greater.**

### Category 1: Minimal Damage

**Winds: 74-95 mph**

**Along the South Carolina coast, surges of up to 4 to 5 feet can be expected.**

No real damage to building structure. Damage primarily to unanchored mobile homes, shrubbery, and trees. Also, some coastal road flooding and minor pier damage.



### Category 2: Moderate Damage

**Winds: 96-110 mph**

**Along the South Carolina coast, surges of up to 6 to 8 feet can be expected.**

Some roofing material, door, and window damage to buildings. Considerable damage to shrubbery and trees with some trees blown down. Considerable damage to mobile homes, poorly constructed signs, and piers. Small craft in unprotected anchorages break moorings.





### **Category 3: Extensive Damage**

**Winds: 111-130 mph**

**Along the South Carolina coast, surges of up to 9 to 12 feet can be expected.**

Some structural damage to small residences and utility buildings with a minor amount of curtainwall failure. Damage to shrubbery and trees with foliage blown off trees and large trees blown down. Mobile homes and poorly constructed signs are destroyed. Flooding near the coast destroys smaller structures with larger structures damaged by battering of floating debris.

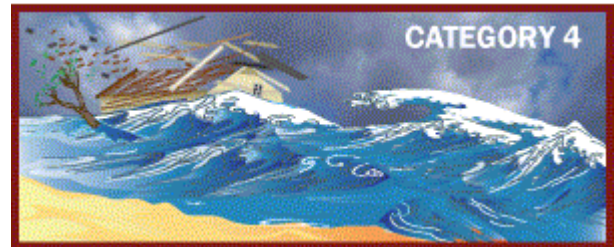


### **Category 4: Extreme Damage**

**Winds: 131-155 mph**

**Along the South Carolina coast, surges of up to 13 to 18 feet can be expected.**

More extensive curtainwall failures with some complete roof structure failures on small residences. Shrubs, trees and most signs are blown down. Complete destruction of mobile homes. Extensive damage to doors and windows. Major damage to lower floors of structures near the shore.

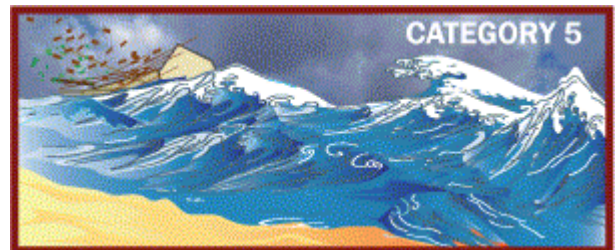


### **Category 5: Catastrophic Damage**

**Winds: More than 155 mph**

**Along the South Carolina coast, a surge higher than 18 feet can be expected.**

Complete roof failure on many residences and industrial buildings. Some complete building failures with small utility buildings blown over or away. Most shrubs, trees, and signs blown down. Complete destruction of mobile homes. Severe and extensive window and door damage. Massive evacuation of residential areas on low ground may be required.



# Citizens With Special Needs

**Citizens with disabilities and special needs** should be especially vigilant as they plan for emergencies and evacuations. Planning ahead is the key. Early evacuation can lessen the stress on the individual and their support network and ensure safety.

**Talk to neighbors, family or caregivers** about how to protect your home and belongings from wind and water damage. Buy flood insurance, if appropriate. If you have a serious medical condition, talk to your doctor about your plans for dealing with an emergency and seek medical advice on a recommended course of action.

**Review the Hurricane Preparation Checklists in this guide** and consider any additional needs you may have i.e., batteries for hearing aides and similar devices, extra oxygen tanks, electrical backups for medical equipment and special dietary requirements.

**In addition to gathering your medications**, make a complete list of all the medicines you take and the doctor prescribing them. Include all these items in your kit that you will take with you when you must evacuate. You should be prepared to survive for at least three days if an emergency occurs. Plan for the care and housing of your pets. See pet information below.

**Plan your evacuation.** Know where you are going and how you will get there. Make your plans known to those in your support network. Have a point of contact outside your area that you can contact with your evacuation information. Implement your plan immediately upon notification. Allow adequate time to ensure you reach safety well ahead of the storm.

**Stay informed about what is happening** and what public officials are asking citizens to do. Be prepared to follow their instructions.

**If you know of friends, neighbors or family with disabilities or special needs**, talk to them about their plans and ensure that they are safe in case of a natural or man-made disaster.

**Don't be afraid to ask for help if you need it.** Contact your local emergency management office. Some offices maintain a registry of people who need assistance so they can be located or assisted quickly in a disaster. If this type of assistance is not available in your area, this information will help you in knowing what you need to do to be prepared.

**Additional information on preparedness is available at [www.scemd.org](http://www.scemd.org) or [www.fema.gov](http://www.fema.gov).** Whether you are told to shelter-in-place or evacuate, having a plan and being ready are the keys to safety.

***Start planning today. Stay alert. Stay alive.***

# Important Phone Numbers

## Public Information Phone System (PIPS)

**1-866-246-0133**(Only activated when needed. Spanish interpreters available.)

## Dept. of Transportation (Traffic Information)

**1-888-877-9151**

## Hispanic Outreach of South Carolina

**1-803-419-5112**

## S.C. Insurance News Service

**1-803-252-3455**

In the event of a hurricane, go to [www.scemd.org](http://www.scemd.org) for up-to-date information.

# 2009 Atlantic Storm Names

Ana	Larry
Bill	Mindy
Claudette	Nicholas
Danny	Odette
Erika	Peter
Fred	Rose
Grace	Sam
Henri	Teresa
Ida	Victor
Joaquin	Wanda
Kate	

# Power Pointers

If you see a downed power line, do not touch it. Do not touch tree limbs or other objects touching a power line.

Do not attempt to tie generators into the house circuit. This can be dangerous to you, your neighbors and to linemen. Plug appliances directly into the generator.

Should the power go out while you are cooking, remember to turn the stove off and remove any cookware from the cooking surfaces and oven.

Don't open refrigerators or freezers during an outage unless absolutely necessary. Repeated openings cause the cold air to escape and food to thaw more quickly.

If you smell gas, leave your home immediately. Then call the power company.

## Preparing for Pets



### *Before*

Your veterinarian is an excellent resource to help you prepare. Here are some important points:

**Include your pet in your family disaster plan** – you're responsible for the care of your pet!

**Evacuate (with your pet) outside the expected storm area.** Resources in these areas will be limited, and an emergency temporary shelter should be a last resort.

**Have a cage/carrier for each pet** – a means of containment will be needed anywhere you go.

**Many counties are planning temporary emergency animal shelter facilities** but not all are in place.

**The following are the best options for potential refuge sites:** Boarding facilities, veterinary clinics, pet-friendly hotels, stables, homes of friends and relatives. Maintain a list of these and share locations and phone numbers with family and neighbors.

**If you must leave your pet at home**, provide access to someone in advance so they can check in.

**Choose and use an ID method for each animal.** This is extremely important if your animals become lost. Examples: micro-chipping, ID tags on collar, photos of you with your animal.

**Keep your animals' immunizations** - especially rabies – current and maintain proof of same.

**Maintain a disaster 'go kit' for each pet in a quickly accessible site:** cage/carrier large enough to stand and turn around in, leash, harness, bowls, 3-days' water and food, medications, health records/care instructions, microchip numbers, litter box/litter, clean-up supplies.

**Contact your county emergency manager** if they need to be aware of special needs you may have, such as assistance with evacuation if you possess a guide dog or other service animal. Service animals are allowed on all means of public transportation and in all human shelters.

## ***During***

In the immediate post-landfall period there may be areas of extreme damage from winds or flooding. The immediate focus for emergency workers during this time will be human safety.

When circumstances allow, there will be personnel trained in animal emergencies integrated into the local incident management structure to assist emergency workers and citizens with animal needs. These may include "rescue" (capture and transport to safety) of displaced animals, ID, treatment, temporary shelter and care, and reunification with owners.

Be on the lookout - public information about options for assistance with animals will be provided as soon as possible from SCEMD by way of news briefings and telephone hotlines.

## ***After***

When you return home, check your yard for downed power lines, debris, and displaced wildlife.

If your pet is lost, contact your veterinarian, animal care/control organization, and/or county and state emergency managers who can help you search lists and databases of animals that have been found and sheltered during the event.

### **OTHER RESOURCES**

**Clemson Livestock-Poultry Health**  
(803-788-2260)

**SC Department of Agriculture**  
(803-734-2200)

**SC County Cooperative Extension offices SC  
Association of Veterinarians**  
(1-800-441-7228 or 803-254-1027)

**SC Animal Care and Control**  
(803-776-7387)

### **WEB SITES**

[www.clemson.edu/LPH/emergencypreparedness](http://www.clemson.edu/LPH/emergencypreparedness)

[www.scav.org](http://www.scav.org)

[www.scacca.org](http://www.scacca.org)

[www.avma.org](http://www.avma.org)

These resources include information for equine stabling sites, pet-friendly hotels, and livestock needs.

## Free Service Offers Way to Contact Next of Kin

What will happen if you are injured or missing during a disaster and unable to contact your family? What if they are injured and unable to contact you? A non-profit, free service wants to help.

The service is called the Next of Kin Registry, NOKR for short. NOKR allows you to sign up and to indicate someone to be notified if you are missing, hurt or deceased.

If you're interested in finding out more about the service or want to register, visit [www.NOKR.org](http://www.NOKR.org). Information on the site indicates NOKR has already been used in national and global disasters including: the 2004 Asian tsunami, the 2005 London bombings, the 2005 hurricane season, the 2006 Indian train bombing, the Virginia Tech College shooting, the California wildfires in 2007, the 2008 Sichuan, China earthquake, and the 2008 hurricane disasters.

## Evacuation Routes and Lane Reversals

### Grand Strand Area

#### North Myrtle Beach and Northward

- Use SC 9 to proceed to I-95 and beyond.

#### Myrtle Beach

- 10th Avenue North and northward to Briarcliff Acres use SC 22 (Conway Bypass) to US 501. Motorists using SC 31 (Carolina Bays Parkway) or the Grissom Parkway will be directed north to SC 22.
- South of 10th Avenue North southward to the Myrtle Beach Airport use US 501 toward Marion and beyond.
- Myrtle Beach Airport southward through Surfside Beach use SC 544 to US 501.
- Under certain conditions, US 501 will be converted to four lanes northbound from SC 544 to US 378. The reversed lanes will carry SC 544 traffic onto US 378 where it will travel westbound to I-95 or Columbia.
- Under certain conditions, US 501 will be converted to four lanes westbound from SC 22 to SC 576. Instructions will be given to motorists through signs and highway advisory radio.

#### Garden City Beach south to Winyah Bay, Georgetown

- Take US 17 south through Georgetown, then take US 521 to SC 261 to US 378 to Columbia.
- Under certain conditions, a third southbound lane will be formed by reversing flow on the inside northbound lane of US 17 at the Prince George entrance. When this occurs, an additional alternate route from Georgetown will be Black River Road to US 701 to SC 51 to SC 41 to US 378 at Kingsburg. Instructions will be given to motorists through signs and highway advisory radio.

# Charleston Area

## Edisto Island, Adams Run

- Evacuees will take SC 174 to US 17. They will then take US 17 south to SC 64. This will take them to Walterboro, and then on to North Augusta.

## Yonges Island, Meggett, Hollywood, Ravenel

- Use SC 165 to US 17, then US 17 south to SC 64.

## Johns Island, Kiawah Island and Seabrook

- Evacuees will use SC 700 to Road S-20 (Bohicket Road) to US 17.
- Evacuees will take US 17 south to SC 64 where they will go to Walterboro, then on to North Augusta.

## James Island and Folly Beach

- Use SC 171 to US 17.
- Evacuees should then travel south on US 17 to I-526 to the reversed lanes of I-26.

## City of Charleston

- The west side of the city (West Ashley) will use SC 61 to US 78, then to Aiken and North Augusta.
- Downtown will use the normal lanes of I-26.

## North Charleston

- Evacuees will take US 52 (Rivers Avenue) to US 78 to US 178 to Orangeburg or continue on US 52 to US 176 or continue north on US 52.
- The right lanes of US 52 at Goose Creek will continue on to Moncks Corner. In Moncks Corner, evacuees will be directed onto SC 6, where SC 6 will proceed toward Columbia.
- The left lane of US 52 at Goose Creek will go onto US 176 to Columbia.
- Evacuees using SC 642 will travel west toward Summerville and take road S-22 (Old Orangeburg Road) to US 78 west.

## East Cooper

- Evacuees leaving Mount Pleasant will take I-526 or US 17 south to I-26.
- Those leaving Sullivan's Island will use SC 703 to I-526 Business to access I-526, then I-26.
- Evacuees from the Isle of Palms will use the Isle of Palms connector (SC 517) to go to US 17, where the right lane will turn north on US 17, then proceed to SC 41, to SC 402, then to US 52 to SC 375, then to US 521, to SC 261 to US 378 to Columbia.
- Evacuees using the left lanes of the Isle of Palms connector will turn left to go to I-526 and then on to I-26.
- Evacuees on I-526 approaching I-26 from East Cooper will be directed to the normal lanes of I-26 if in the right lane of I-526.
- Those in the left lane of I-526 will be directed into the reversed lanes of I-26.



## Awendaw and McClellanville

- Evacuees will take SC 45 to US 52 where they will be directed right onto US 52 to SC 375 to US 521 to SC 261 to US 378 to Columbia.

# Hilton Head Island and Beaufort Areas

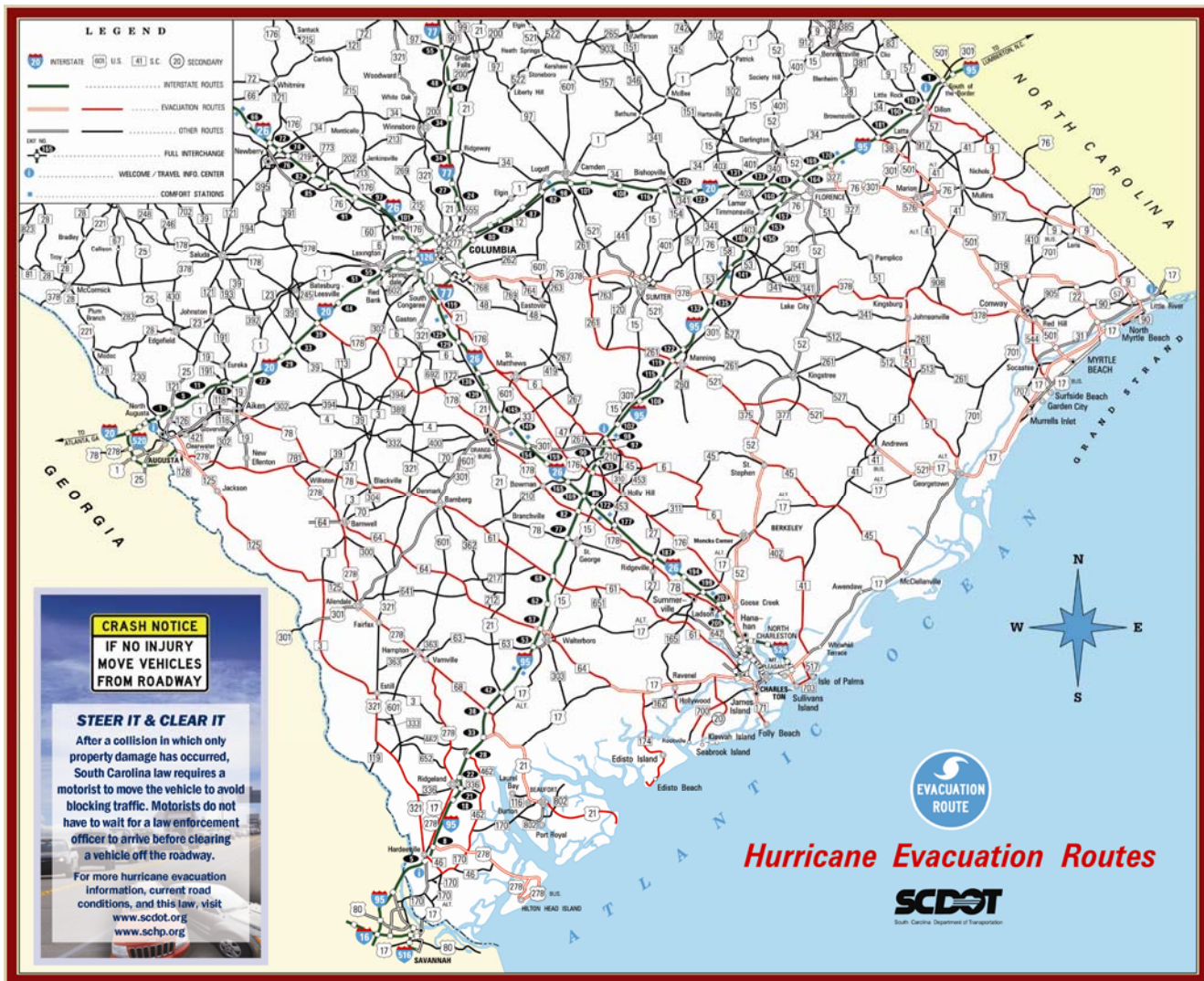
## Hilton Head Island

- Hilton Head Island evacuees will use both the William Hilton Parkway (US 278 Business) and the Cross Island Parkway toll facility (US 278).
- As these two roads merge, a third lane will be formed by reversing flow on the inside eastbound lane of US 278. This lane will carry the traffic from the toll facility.
- When US 278 reaches I-95, lane assignments will be as follows:
  1. The right lane on westbound US 278 will exit to I-95 northbound.
  2. The left lane on US 278 westbound will continue on US 278 to Hampton and eventually North Augusta.
  3. The reversed lane will take I-95 southbound.
- Should a third lane not be necessary, then both lanes on US 278 will be routed to I-95 with the right lane to I-95 north, and the left lane continues on US 278.
- Under certain conditions, US 278 will be converted to four lanes westbound from the Cross Island Parkway to SC 170, where one lane will be directed onto SC 170 eastbound to SC 462 to I-95 northbound. The remaining three lanes on US 278 will continue toward I-95.
- I-95 southbound - Access to I-95 southbound is available, but severe congestion may be encountered.

## Beaufort

- Two lane evacuation: Evacuees will use the two present northbound lanes on US 21 to US 17. Upon reaching US 17, these lanes will be directed onto US 17 southbound. The left lane will proceed to Exit 33 (Point South) to I-95 north and the right lane will be directed to Yemassee and then ultimately to North Augusta.
- Three/four lane evacuation: Under certain conditions, a third northbound lane will be formed by reversing flow on the inside southbound lane of US 21 at SC 280. This lane will carry traffic from SC 280. When these three lanes are used, the right lane will be directed to US 17 north to SC 303 to Walterboro. The remaining two lanes will be used as described above for the two lane evacuation. Should all four lanes be used for evacuation, lane assignments will follow the three lane plan with both reversed lanes merging into one lane on US 21 prior to going southbound on US 17. The right lane will continue north on US 17 at Gardens Corner.

# South Carolina



## Shelter Locations

**IMPORTANT:** This list is provided as a resource only. Shelters listed below may not be opened, or may change during the approach of a storm. Tune to radio and television stations for current information. Shelters that have an asterisk (\*) may be opened when citizens are asked to voluntarily leave the coast. All of the following shelters may be opened when the Governor orders a mandatory evacuation. Additional shelters will be opened as necessary.

### **Aiken County**

**South Aiken High School**  
232 East Pine Log Road  
Aiken, SC 29803

### **North Augusta High School**

2000 Knobcone Avenue  
N. Augusta, SC 29841

### **Allendale County**

**Allendale Primary School**  
4561 Allendale-Fairfax Highway  
Allendale, SC 29810

### **Bamberg County**

**Bamberg-Ehrhardt H.S.**  
267 Red Raider Drive  
Bamberg, SC 29003

### **Barnwell County**

**Barnwell Elementary School**  
10524 Marlboro Avenue  
Barnwell, SC 29812

### **Berkeley County**

**Goose Creek High School**  
1137 Red Bank Road  
Goose Creek, SC 29445\*

### **Berkeley High School**

406 W. Main Street  
Moncks Corner, SC 29461\*

### **St. Stephen Elementary School**

1053 Russellville Road  
St. Stephen, SC 29479\*

### **Hanahan Middle School**

5815 Murray Drive  
Hanahan, SC 29406\*

### **Cainhoy Middle/Elementary Schools**

2434 Cainhoy Road  
Huger, SC 29450

### **Cross Elementary School**

1325 Ranger Drive  
Cross, SC 29436

### **Sangaree Elementary School**

1460 Royle Road  
Summerville, SC 29483

### **Pepperhill Elementary School**

3300 Creola Road  
N. Charleston, SC 29420

### **Brentwood Middle School**

2685 Leeds Avenue  
N. Charleston, SC 29405

### **Lambs Elementary School**

6800 Dorchester Road  
N. Charleston, SC 29418

### **Clarendon County**

**Manning High School**  
2155 Paxville Highway  
Manning, SC 29102

### **East Clarendon Complex**

1171 Pope Street  
Turbeville, SC 29162

### **Colleton County**

**Colleton County H. S.**  
1379 Mighty Cougar Drive  
Walterboro, SC 29488\*

### **Ruffin Middle School**

155 Patriot Lane  
Ruffin, SC 29475

### **Darlington County**

**Darlington Middle School**  
160 Pinedale Road  
Darlington, SC 29532

### **Hartsville Middle School**

1427 Fourteenth Street  
Hartsville, SC 29550

### **Lamar High School**

214 N. Darlington Avenue  
Lamar, SC 29069

### **Rosenwald Elementary School**

508 Church Street  
Society Hill, SC 29593

### **Dillon County**

Dillon High School  
1730 Highway 301 North  
Dillon, SC 29536

### **Florence County**

**Wilson High School**  
1411 East Old Marion HWY.  
Florence, SC 29506

### **South Florence High School**

3200 S. Irby Street  
Florence, SC 29505

### **Lake City High School**

652 N. Matthews Road  
Lake City, SC 29560

### **Hanna-Pamplico Elementary/Middle School**

2131 S. Pamplico Highway  
Pamplico, SC 29583

### **Timmonsville Educational Center**

304 Kemper Street  
Timmonsville, SC 29161

### **Georgetown County Pleasant Hill Elementary**

127 Schoolhouse Drive  
Hemingway, SC 29554\*

### **Andrews Primary**

13072 County Line Road  
Andrews, SC 29510

### **Hampton County Varnville Elementary School**

395 Pine Street, East  
Varnville, SC 29944\*

### **Wade Hampton High School**

201 Airport Road  
Varnville, SC 29944\*

### **Estill High School**

1450 Columbia Highway North  
Estill, SC 29918\*

### **Hampton Elementary School**

505 South Hoover Street  
Hampton, SC 29924

### **Horry County**

**Loris Elementary School**  
901 East Hwy 9 Business  
Loris, SC 29569\*

### **Pee Dee Elementary School**

6555 Hwy 134  
Conway, SC 29527

### **Whittmore Park Middle School**

1808 Rhue Street  
Conway, SC 29527

### **Jasper County**

**Jasper County High School**  
US Hwy 278 West  
(Old Grays Rd)  
Ridgeland, SC 29936\*

### **Ridgeland High/Junior/Elementary Complex**

250 Jaguar Trail  
Ridgeland, SC 29936

### **Lee County**

Lee Central High School  
1800 Wisacky Road  
Bishopville, SC 29010

### **Lexington County**

White Knoll High School  
5643 Platt Springs Road  
Lexington, SC 29073

### **Marion County**

**Marion High School**  
1205 South Main Street  
Marion, SC 29571\*

### **Mullins High School**

747 Millers Road  
Mullins, SC 29574

### **Creek Bridge High School**

6641 S. Hwy 41  
Marion, SC 29571

### **Britton's Neck Elementary School**

223 Gresham Road  
Gresham, SC 29546

### **Marlboro County**

Marlboro High School  
951 Fayetteville Avenue  
Bennettsville, SC 29512

### **Orangeburg County Orangeburg-Wilkinson H.S.**

601 Bruin Parkway  
Orangeburg, SC 29115

**Stratford High School**

951 Crowfield  
Boulevard  
Goose Creek, SC 29445

**Westview Primary School**

98 Westview Boulevard  
Goose Creek, SC 29445

**Macedonia Middle School**

200 Macedonia Foxes Circle  
Moncks Corner, SC 29461

**Calhoun County**

Guinyard Elementary School  
125 Herlong Avenue  
St. Matthews, SC 29135

**Charleston County**

Stall High School  
7749 Pinehurst Street  
N. Charleston, SC 29420\*

**Midland Park Elementary**

2415 Midland Park Road  
N. Charleston, SC 29418\*

**Morningside Middle School**

1999 Singley Lane  
N. Charleston, SC 29405\*

**Garrett Academy of Technology**

2731 Gordon Street  
N. Charleston, SC 29405

**A.C. Corcoran Elementary**

8585 Vistavia Road  
N. Charleston, SC 29406

**Latta High School**

618 North Richardson  
Street  
Latta, SC 29565

**Lake View High School**

401 East 3rd Avenue  
Lake View, SC 29563

**Dorchester County Fort Dorchester H.S.**

8500 Patriot Boulevard  
N. Charleston, SC 29420\*

**Summerville High School**

1101 Boone Hill Road  
Summerville, SC 29483\*

**Harleyville-Ridgeville Elementary School**

1650 East Main Street  
Dorchester, SC 29448\*

**Woodland High School**

4128 US Hwy 78  
Dorchester, SC 29437

**Summerville Elementary School**

835 South Main Street  
Summerville, SC 29483

**Beech Hill Elementary School**

1001 Beech Hill Road  
Summerville, SC 29485

**South Conway Elementary School**

3001 Fourth Avenue  
Conway, SC 29527\*

**Aynor Elementary School**

516 Jordanville Road  
Aynor, SC 29511

**Aynor High School**

201 Highway 24  
Aynor, SC 29511

**Conway Elementary School**

1101 Snowhill Drive  
Conway, SC 29526

**Conway High School**

2301 Church Street  
Conway, SC 29526

**Green Sea Floyd Elementary School**

5000 Tulip Grove Road  
Green Sea, SC 29545

**Green Sea Floyds High and Middle Schools**

5265 Highway 9  
Green Sea, SC 29545

**Loris High School**

301 Loris Lions Road  
Loris, SC 29569

**Lake Marion High School**

3635 Tee Vee Road  
Santee, SC 29142

**Richland County St. Andrews Baptist Church**

230 Bush River Road  
Columbia, SC 29210

**Sumter High School**

2580 McCray's  
Mill Road  
Sumter, SC 29154

**Williamsburg County Hemingway High School**

402 South Main Street  
Hemingway, SC 29554\*

**Kingstree Senior High West**

615 Martin Luther King Jr.  
Avenue  
Kingstree, SC 29556

**Kingstree Senior High East**

615 Martin Luther King Jr.  
Avenue  
Kingstree, SC 29556\*

**C.E. Murray High School**

222 C.E. Murray Boulevard  
Greeleyville, SC 29056

**Kingstree Junior High School**

710 Third Avenue  
Kingstree, SC 29556

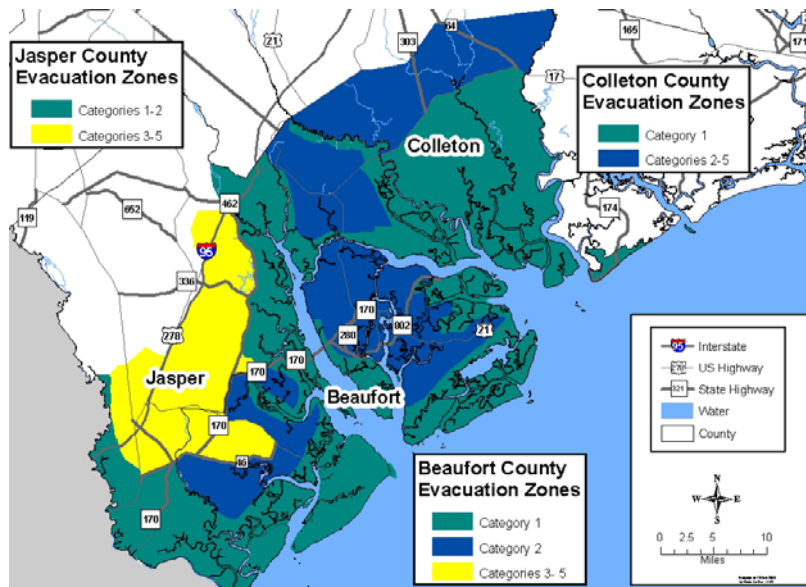


# Coastal Evacuation Zones

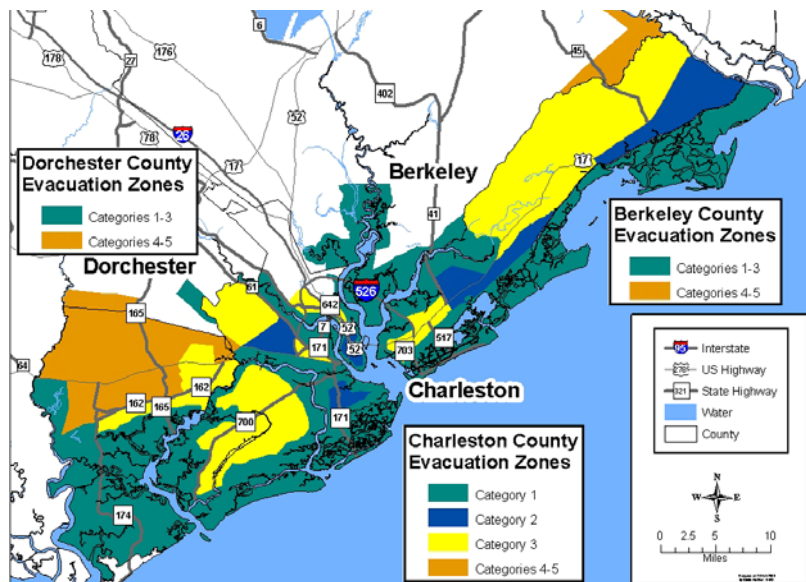
These close-up maps of the South Carolina coast show areas that are subject to possible evacuation based on the category of the hurricane. Hurricanes range in intensity from Category 1 to Category 5.

Actual storm conditions may require changes to the planned evacuation zones. Stay tuned to state and local media for specific emergency management evacuation instructions

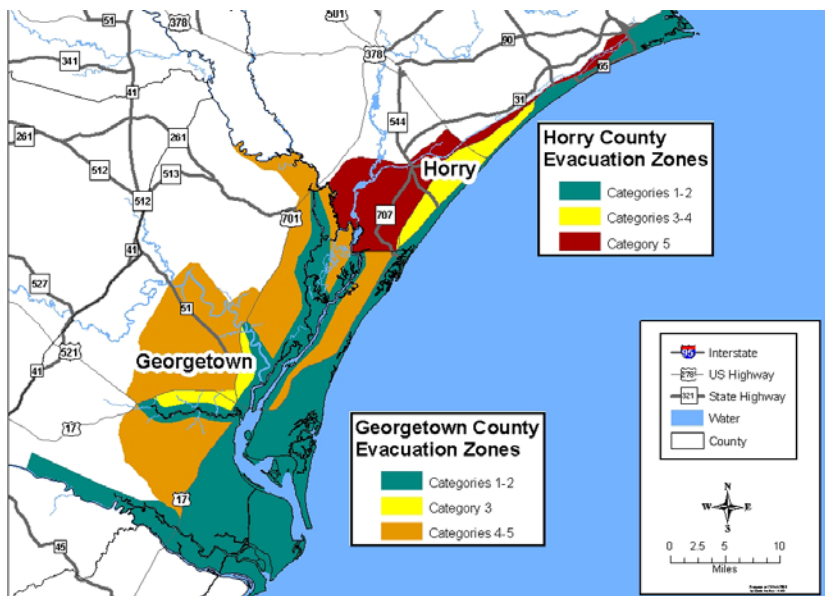
## Southern Coast



## Central Coast



# Northern Coast



# Evacuation Actions

## BEFORE

### *Be prepared*



Contact your local emergency management office to help determine your vulnerability. Storm surge is limited to coastal areas, but hurricanes also bring high winds, tornadoes, heavy rains, and flooding to inland areas.

### *Basic Disaster Supplies Kit*

Gather disaster supplies and create a basic supplies kit, which you can use at home or take if you evacuate. Include:

- "2009 South Carolina Hurricane Guide"
- Non-perishable food (including canned goods)
- Drinking water (two quarts per person per day)
- Flashlights, extra batteries, and bulbs
- Battery-powered AM/FM or hand crank radio and NOAA weather radio with extra batteries
- First-aid kit and manual
- Non-electric can opener
- Essential medicines, including prescriptions
- Sturdy shoes
- Baby supplies (including baby food and diapers)
- Games and books
- Fire extinguisher
- Important documents (insurance policies, family records, photo identification, important telephone numbers, tax records, bank information)
- Toiletries and other personal hygiene items
- Cash and credit cards
- If you live in a vulnerable area, plan an evacuation route. Consider staying in a motel or with family and friends outside the vulnerable area. Learn safe routes inland and the locations of official shelters. Be ready to drive at least 20 to 50 miles inland to locate a safe place.

### *Before You Leave Home*

- Make arrangements for pets. Pets are not allowed in official shelters.
- Fuel up family vehicles and service them.
- Turn off gas, electricity, and water.
- Stay tuned to your local television and radio stations for emergency information.



## ***On The Road***

The South Carolina Emergency Management Division has been working in partnership with the petroleum industry in an attempt to make extra fuel available at certain filling stations along major evacuation routes; once you're on the road, tune to your radio to find out which filling stations are participating. Rest areas along I-26 will be enhanced with additional facilities to accommodate motorists efficiently. Department of Public Safety weigh stations will also be available as comfort stations. In addition to the items listed above in your Basic Disaster Supplies Kit, **ALSO CARRY:**

- Road maps
- Jumper cables
- Tire repair kit

## ***At The Public Shelter***

Before heading to a public shelter, first consider staying with family and friends or in a motel out of the area. If those are not available, the American Red Cross will provide a safe place to stay when you have no other place to go. Cots and blankets will not be provided in the public shelter, and although food will be provided, specialty items for infants and individuals on restricted diets may not be available.

If you plan to evacuate to a shelter, you will want to carry the supplies listed above in your Basic Disaster Supplies Kit, **PLUS:**

- Blankets, sleeping bags, pillows and cots
- Special foods, if you are on a restricted diet

## **DURING**

### ***Protect Yourself***

- Stay tuned to your local television and radio stations for emergency information.
- Stay inside a well-constructed building away from windows and doors, even if they are covered. Go to an interior first-floor room, basement, closet, or under the stairs.
- Be alert. Tornadoes are often spawned during hurricanes.
- If the "eye" of the storm passes over your area, be aware that severe conditions will return with winds from the other direction in a very short time.

## **AFTER**

### ***Returning Home***

- Wait until an area is declared safe before entering. Roads may be closed for your protection. Do not drive in flooded areas.
- Check gas, water, electrical lines and appliances for damage.
- Avoid using candles and other open flames indoors. Use a flashlight to inspect damage.
- Report life-threatening emergencies only.

### **Prior to an Evacuation**

See [www.scemd.org](http://www.scemd.org) "Am I in an Evacuation Zone?" to assist you in determining if you are in an evacuation zone.